

FIG. 1A

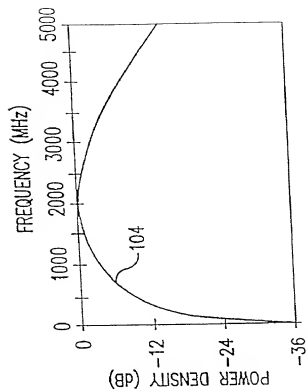
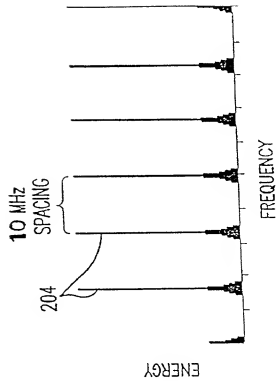
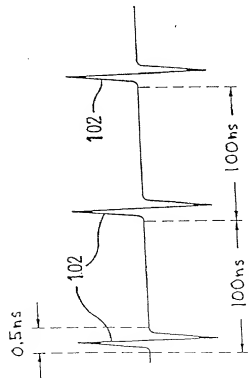


FIG. 1B



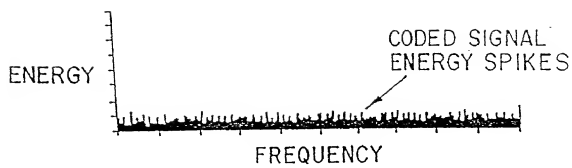


FIG. 3

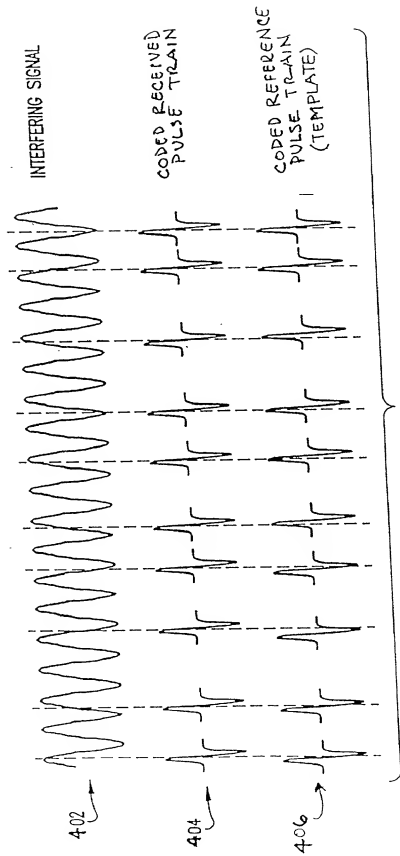


FIG. 4

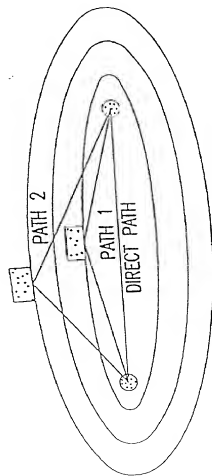


FIG.5A

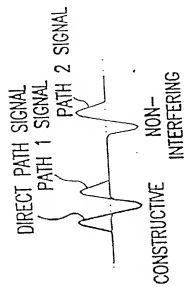


FIG.5B

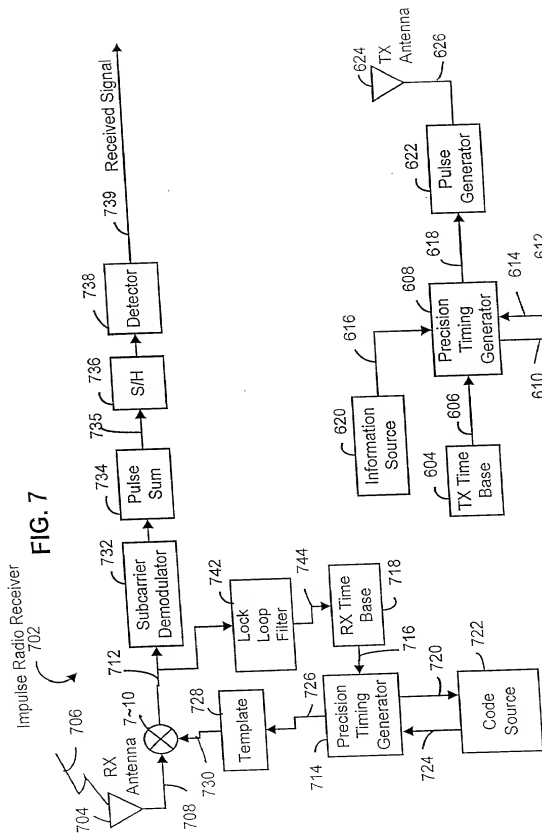
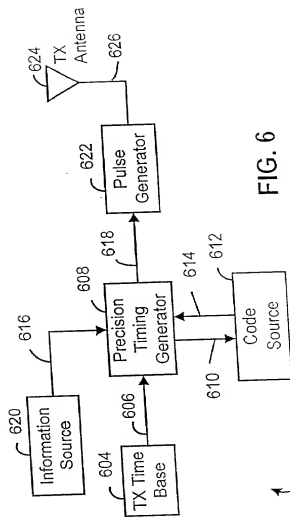


FIG. 6



Impulse Radio Transmitter

802

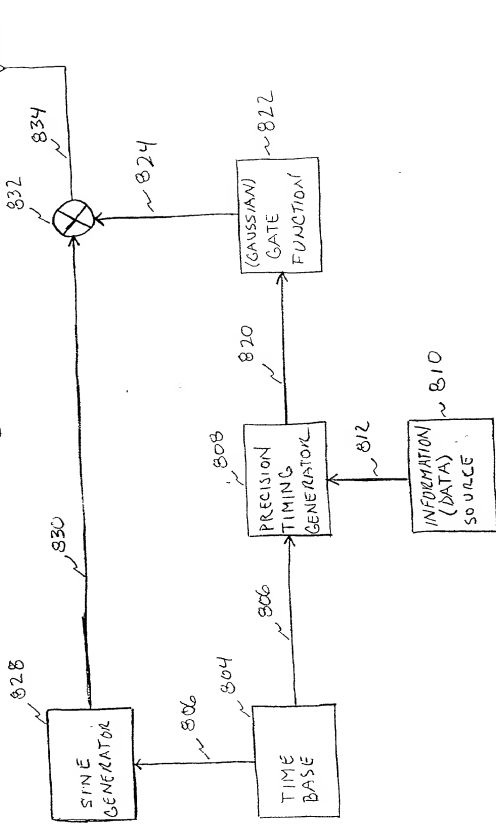
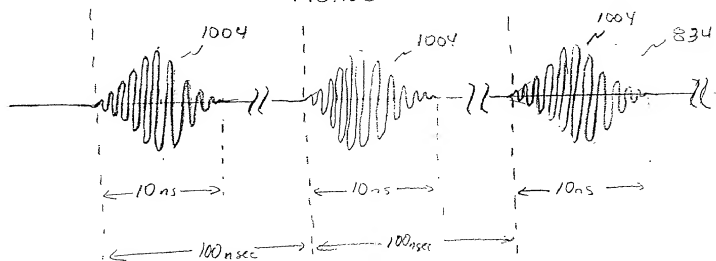
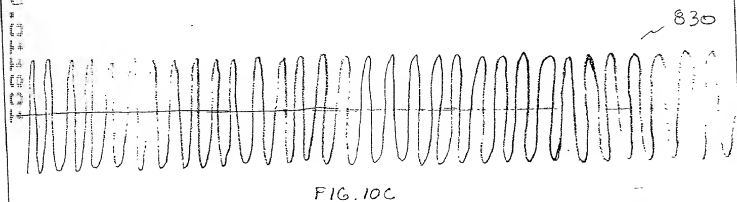
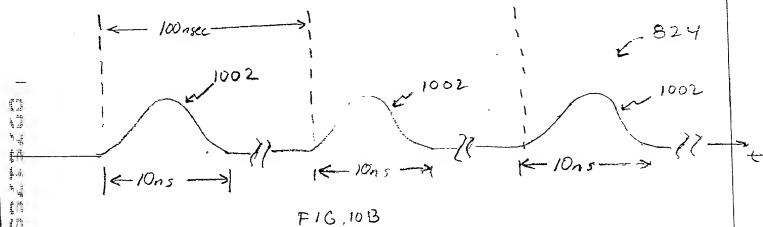
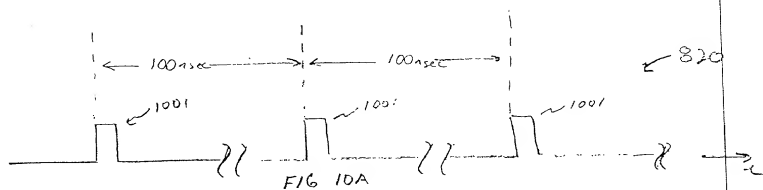


FIG 8

MWB TRANSMITTER WITHOUT CODING



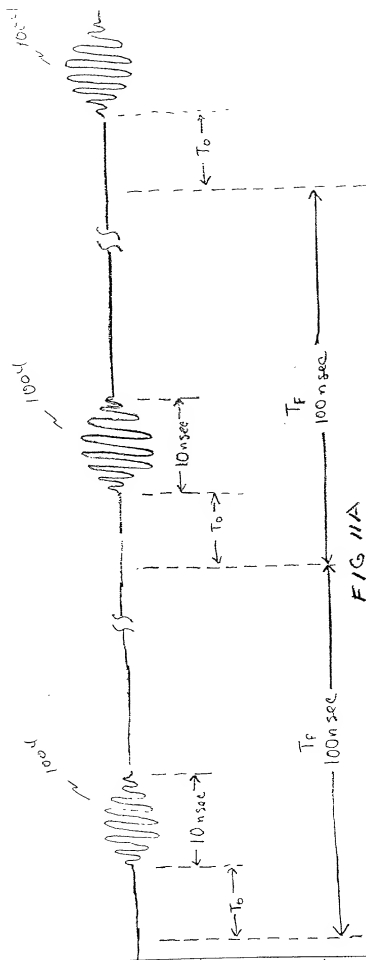


FIG 11A

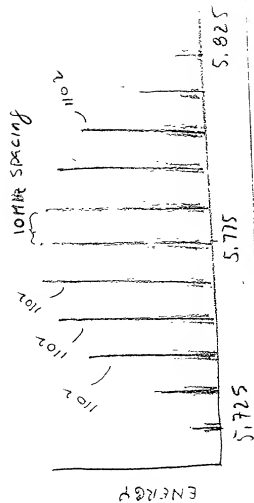


FIG 11B

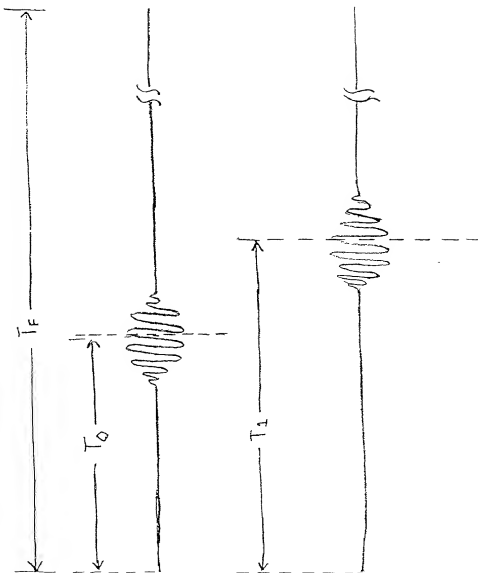
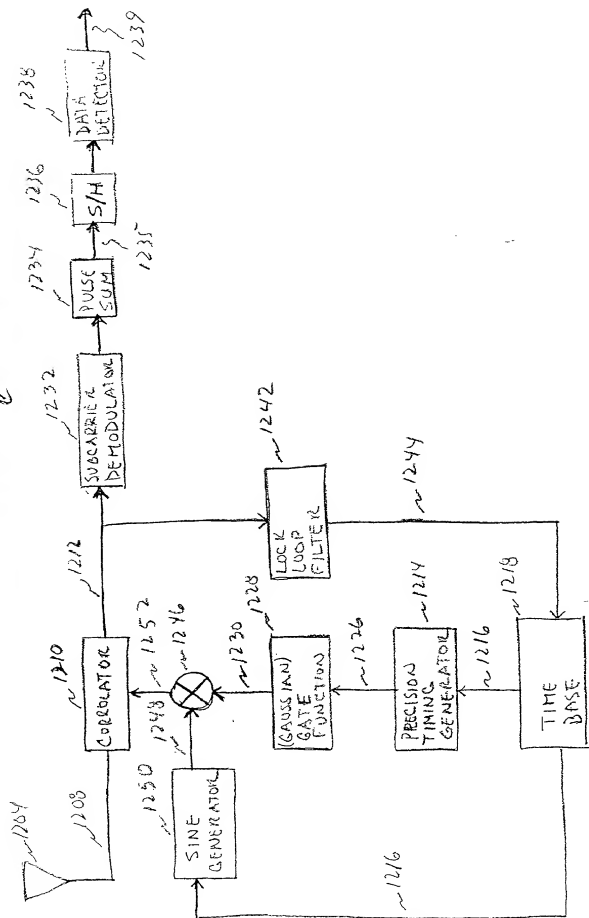
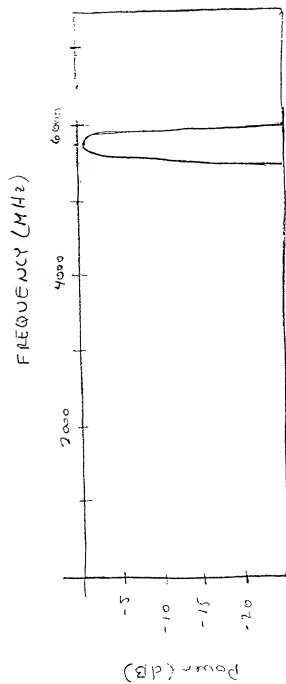


FIG. 11C





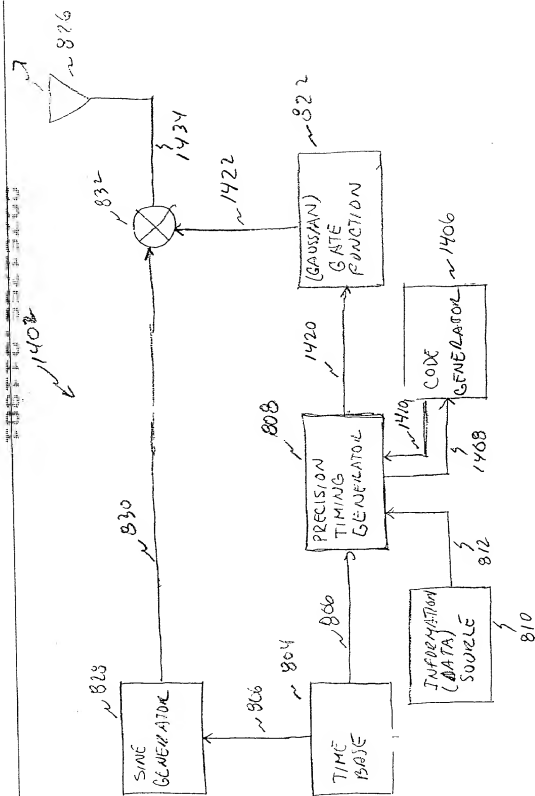
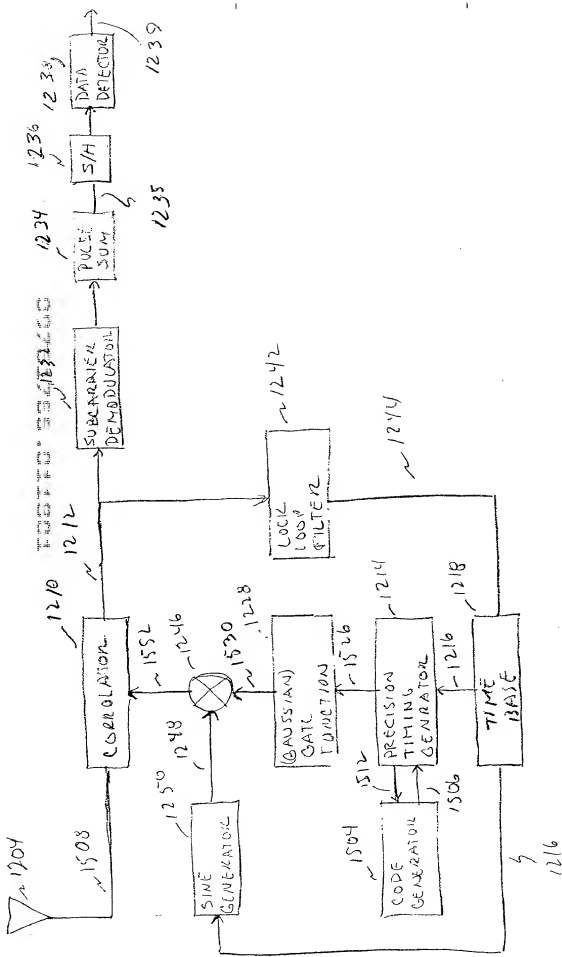


FIG. 14



1602

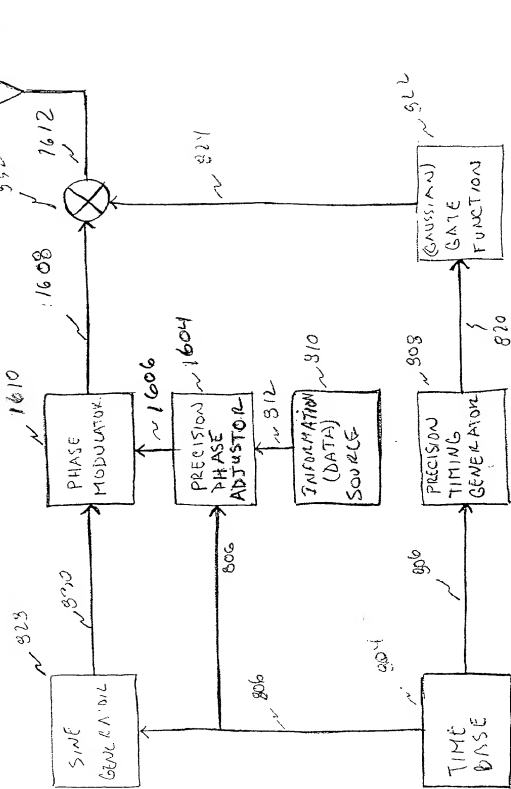


FIG 16

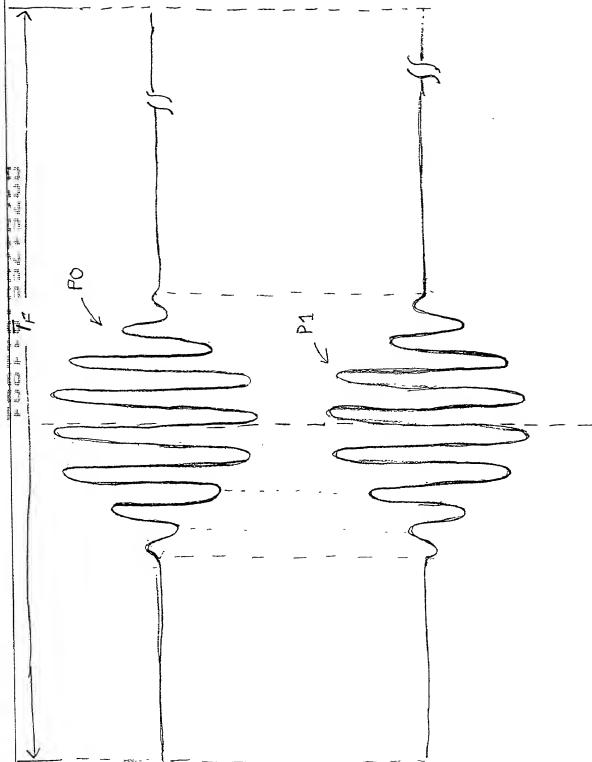


FIG. 17

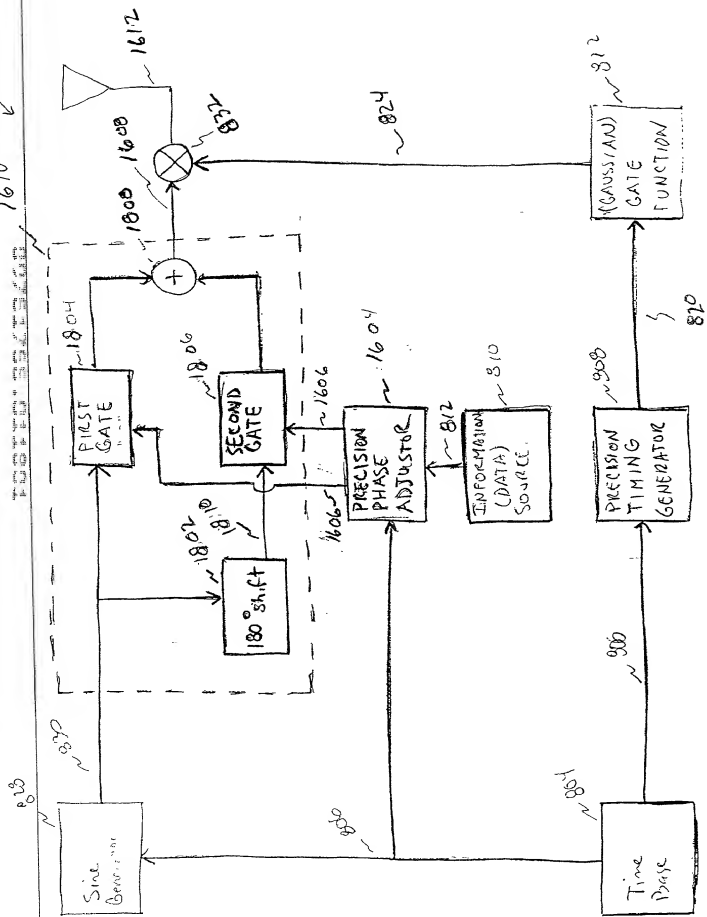


FIG 1B

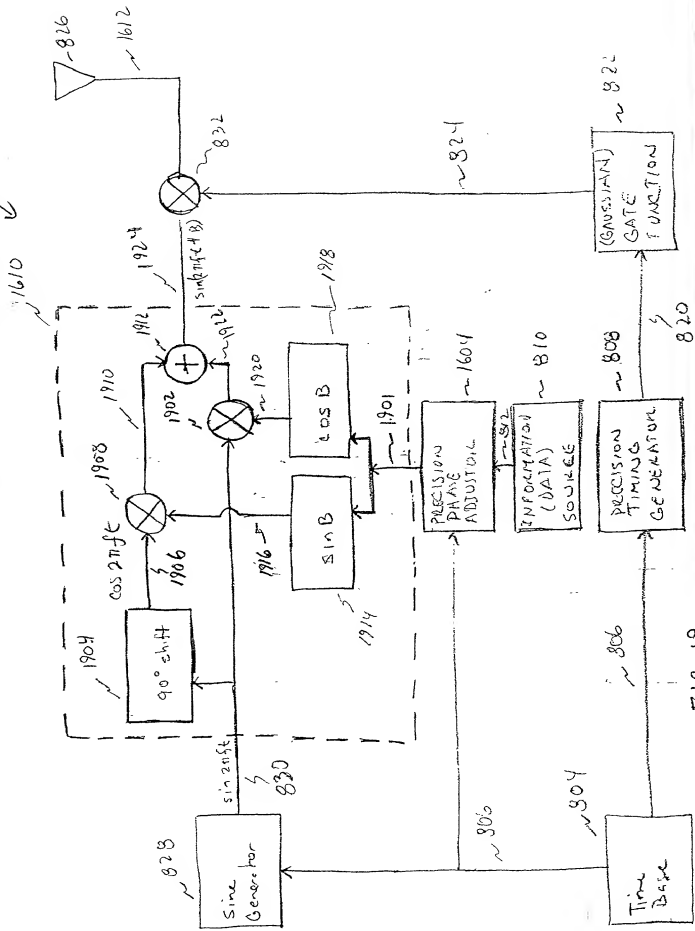


FIG. 19

1602

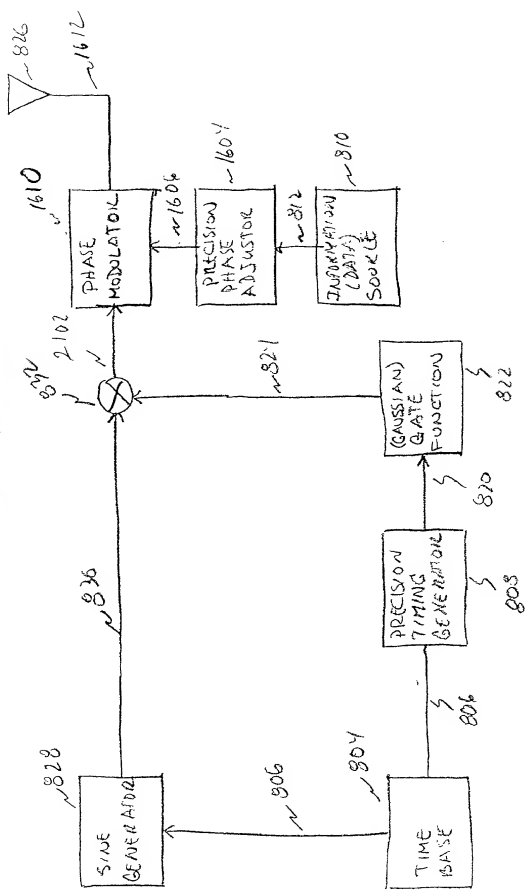


FIG 21

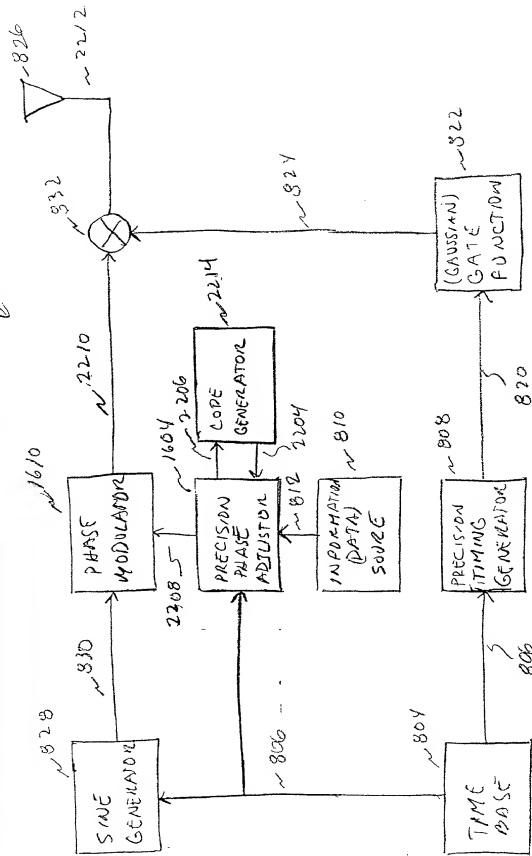


FIG. 22

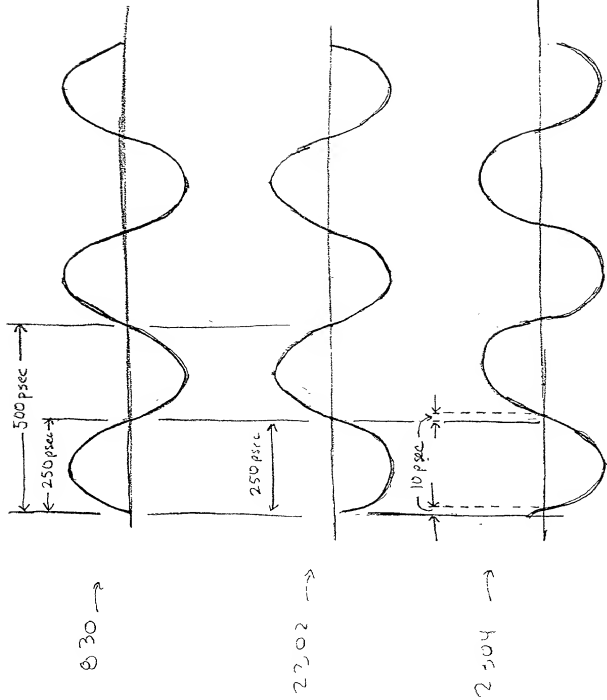


FIG 22

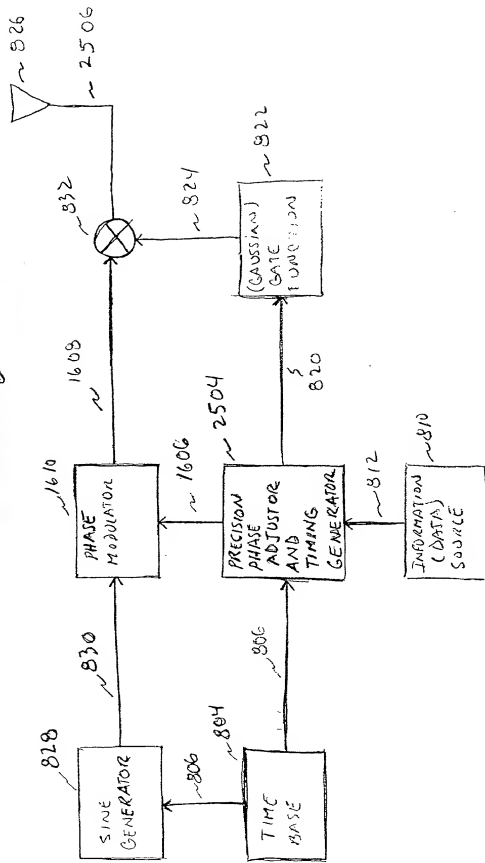


FIG 25

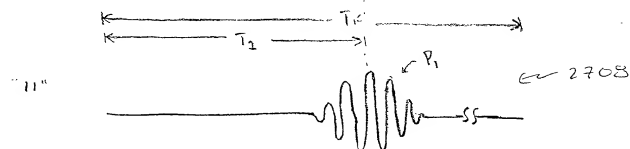
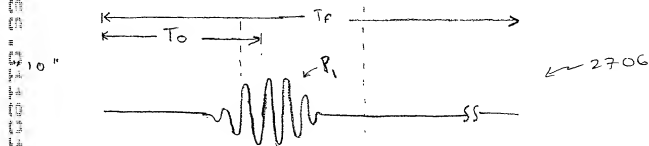
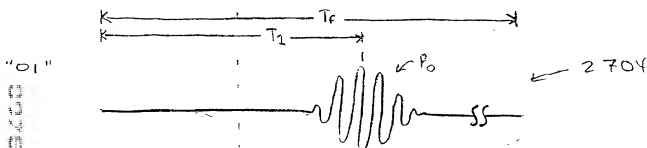
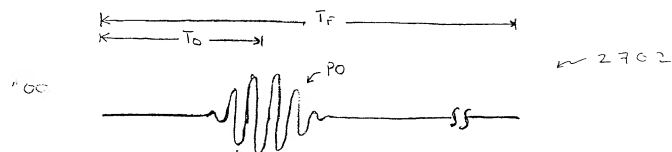


FIG 27

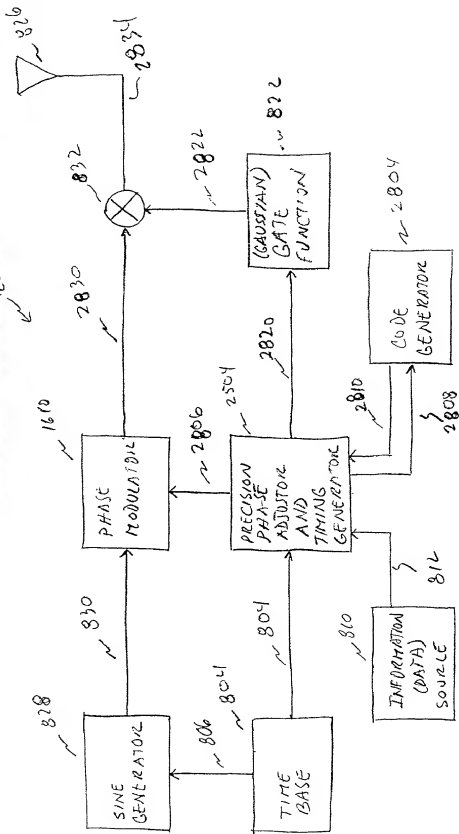


FIG 28

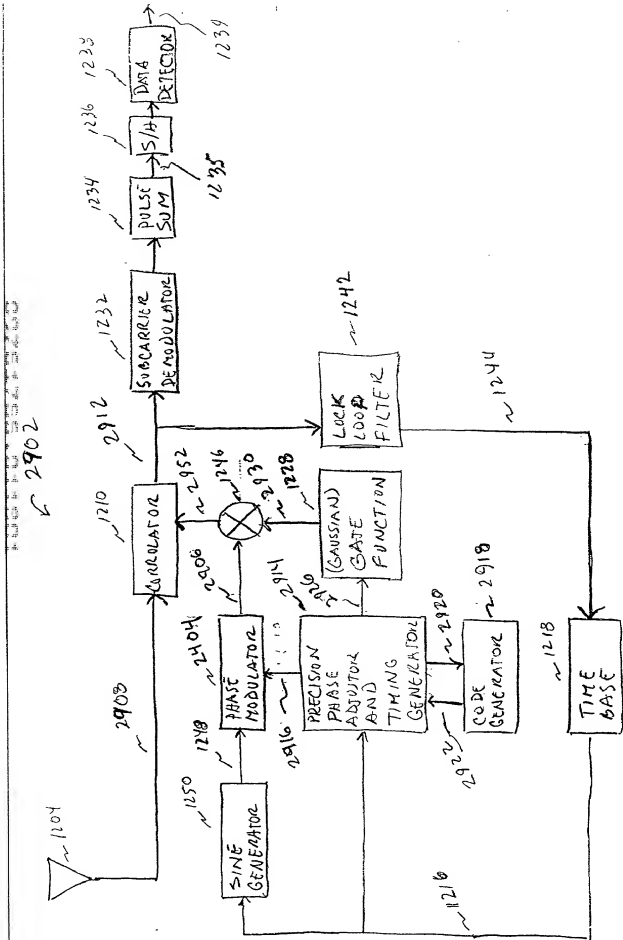


FIG. 29